## Contact

www.linkedin.com/in/kamalkhanuja (LinkedIn)


## Top Skills

Software Engineering
Design Patterns
Database Administration

## Languages

English (Full Professional)

## Patents

Drift management of images
Circular buffer of software versions
Version management of images
Inter-tenant and intra-tenant flock management
Creation of a software configuration signature for software

# Kamal Khanuja

Co-Founder | Vice President | Head of Engineering
San Francisco Bay Area

## Experience

### Tessell
Co-Founder | Vice President | Head of Engineering
April 2021 - Present (3 years 11 months)
San Ramon, California, United States

Cloud Databases. Done Right. At Scale.

-- The DBaaS Platform for Cloud-Defining Enterprises.

### Nutanix
4 years 2 months

Principal Architect
January 2021 - March 2021 (3 months)
San Jose, California, United States

Senior Staff Engineer
April 2019 - January 2021 (1 year 10 months)
San Jose

Working as Lead software engineer on Nutanix Era announced in .Next May 2018. I am proud to say that I am the first engineer/lead and brought Era from ground zero to where it stands today in front of whole world.

Nutanix Era is going to bring a new revolution in the database community and finally they will be able to leverage full capabilities of their Nutanix cluster and database administrators / system administrators can focus on their real business use cases and let the Era handle the rest of it.

Nutanix Era brings state of the art provisioning capabilities, creates “Time Machines” for databases registered with Era or Provisioned by Era. Era users can perform complex provisioning and cloning (using point in time) with just a click of a button.

Nutanix Era, like any other Nutanix product offerings is built with API first approach, which means integrators and developer community can leverage full Era capabilities using Era’s easy to use REST APIs.

Journey continues... stay tuned for more exciting stuff along way when we design and build more and more exciting stuff for our customers and partners.

### Staff Engineer
February 2017 - April 2019 (2 years 3 months)
San Jose, California

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## Oracle
12 years

### Consulting Member of Technical Staff
December 2013 - February 2017 (3 years 3 months)
Redwood City

Design and develop software solutions for Oracle managed PaaS applications for complete database life cycle management, Database Provisioning application and Oracle Private Database Cloud applications.

Invented state of the art algorithms for the following:
1. Managing software configurations across different target software deployments (US Patent 9,256,424)

2. Centralized management and monitoring of the cloud services from various customers and manage approval flows with ability to view per-customer data as desired. (Patent pending)
3. Inter-tenant reservation system for cloud operations (planning & scheduling backups and patches by allowing tenants to reserve previously scheduled slots, without seeing which other tenants and/or operations are being involved with others of the reserved slots). (Patent pending)
4. Ability to register customer actions with cloud management platform and run these custom actions from the custom action registry on the one or more selected cloud services transparently as any other out of of the box operation type. (Patent pending).
5. Cloud service are required to be always up-to-date with acceptable configuration level or patch level and once particular service falls out of line, system picks such services and push them into an upcoming maintenance cycle automatically. (Patent pending).

### Senior Software Development Manager
December 2005 - December 2013 (8 years 1 month)
Bangalore

Oracle Enterprise Manager

Database Cloud Computing and Database provisioning applications.

### Senior Development Manager
2005 - December 2013 (8 years)

Database Provisioning

### Quark Media House
Team Lead
March 2002 - November 2005 (3 years 9 months)

Developed Quark Digital Media Server (QDMS)

### Intiqua India
Associate
December 2000 - March 2002 (1 year 4 months)

Built MakeMyTrip.com, Magnicalc for Imperative Inc

### Alstom Power
Software Engineer
December 2000 - December 2001 (1 year 1 month)

Design and Development.



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## Education

### Gulbarga University

Bachelor of Engineering - BE · (1994 - 1998)

### Dev Samaj Modern School

10+2, Science · (1990 - 1994)



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